

IN THE CLAIMS:

Please amend the claim as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A method of processing device information in a network system in which a management server, for managing the device information, and ~~various~~ other devices are connected, comprising:

a transmitting step of the other devices transmitting a plurality of different types of device information to said management server at predetermined timings without waiting for polling for the device information, respectively,

wherein the plurality of different types of device information are static information, semi-static information ~~obtained~~ transmitted periodically at a first time interval, and dynamic information ~~obtained~~ transmitted periodically at a second time interval different from the first time interval, and

wherein, in said transmitting step, the static information is transmitted to the management server in accordance with an event of a power-on of the device, and the semi-static information and the dynamic information are transmitted to the management server in accordance with a change in status of the device.

2. (Canceled)

3. (Previously Presented) A method according to claim 1, further comprising a setting step of setting said predetermined timing.

4. (Currently Amended) A method according to claim 1, further comprising the steps of:

a request transmitting step of transmitting, by one device to another device,

a request to transmit said device information to said management server; and

an obtaining step of obtaining the device information of the requesting device in accordance with said request,

wherein in said transmitting step, said obtained device information is transmitted to said management server.

5. (Original) A method according to claim 1, wherein said device is a printer.

6. (Original) A method according to claim 1, wherein said device is a copying apparatus.

7. (Currently Amended) A network device connected through a network to a management server for managing device information, comprising:

transmitting means for transmitting a plurality of different types of device information to said management server at predetermined timings without waiting for polling for the device information, respectively,

wherein, the plurality of different types of device information are static information, semi-static information ~~obtained~~ transmitted periodically at a first time interval, and dynamic information ~~obtained~~ transmitted periodically at a second time interval different from the first time interval, and

wherein, said transmitting means transmits the static information to said management server in accordance with an event of a power-on of the network device, and the transmitting means transmits the semi-static information and the dynamic information to the management server in accordance with a change in status of the network device.

8. (Canceled)

9. (Previously Presented) A device according to claim 7, further comprising setting means for setting said predetermined timing.

10. (Previously Presented) A device according to claim 7, further comprising:

request transmitting means for transmitting, to another device, a request to transmit said device information to said management server.

11. (Original) A device according to claim 7, wherein said network device is a printer.

12. (Original) A device according to claim 7, wherein said network device is a copying apparatus.

13. (Previously Presented) A device according to claim 7, further comprising:

request receiving means for receiving a request from another network device to transmit said device information to said management server; and

obtaining means for obtaining the device information of the requesting network device in accordance with said received request,

wherein said transmitting means transmits said obtained device information to said management server.

14. (Original) A device according to claim 13, wherein said network device is a host computer.

15. (Currently Amended) A recording medium on which is stored a program for the processing of device information in a network system in which a management server, for managing device information, and ~~various~~ other devices are connected, said program comprising:

a transmitting step of transmitting, by the other devices, a plurality of different types of device information to said management server at predetermined timings without waiting for polling for the device information, respectively,

wherein, the plurality of different types of device information are static information, semi-static information ~~obtained~~ transmitted periodically at a first time interval, and dynamic information ~~obtained~~ transmitted periodically at a second time interval different from the first interval, and

wherein, in said transmitting step, the static information is transmitted to the management server in accordance with an event of a power-on of the device, and

the semi-static information and the dynamic information are transmitted in accordance to the management server with a change in status of the device.

16. (Canceled)

17. (Previously Presented) A recording medium according to claim 15, wherein further comprising a setting step of setting said predetermined timing.

18. (Currently Amended) A recording medium according to claim 15, further comprising:

a request transmitting step of transmitting, by one device to another device, a request to transmit said device information to said management server; and

an obtaining step of obtaining the device information of the requesting device in accordance with said request,

wherein, in said transmitting step, said obtained device information is transmitted to said management server.

19. (Currently Amended) A computer-executable program stored on a computer-readable medium for the processing of device information in a network system in which a management server, for managing device information, and various other devices are connected, comprising:

a transmitting step of transmitting, by the other devices, a plurality of different types of device information to said management server at predetermined timings without waiting for polling for the device information, respectively,

wherein, the plurality of different types of device information are static information, semi-static information ~~obtained~~ transmitted periodically at a first time interval, and dynamic information ~~obtained~~ transmitted periodically at a second time interval different from the first time interval, and

wherein, in said transmitting step, the static information is transmitted to the management server in accordance with an event of a power-on of the device, and the semi-static information and the dynamic information are transmitted to the management server in accordance with a change in status of the device.

20. (Canceled)

21. (Previously Presented) A program according to claim 19, further comprising a setting step of setting said predetermined timing.

22. (Currently Amended) A program according to claim 19, further comprising:

a request transmitting step of transmitting, by one device to another device, a request to transmit said device information to said management server; and

an obtaining step of obtaining the device information of the requesting device in accordance with said request,

wherein in said transmitting step, said obtained device information is transmitted to said management server.

23. (Currently Amended) A method of processing device information in a network system in which a management server, for managing device information, and ~~various~~ other devices are connected, comprising:

a request transmitting step of transmitting, from one of the ~~various~~ devices to another one of the ~~various~~ devices, a request that a plurality of types of device information of the one device that transmitted the request be transmitted from the another device to the management server;

a receiving step of receiving by the another device the request transmitted by the one device in said request transmitting step;

a device information transmitting step of transmitting, from the another device to the management server, the plurality of types of device information of the one device that transmitted the request in accordance with the received request;

a recognizing step of recognizing by the another device whether the one device is in a properly operating status; and

a delete request transmitting step of transmitting from the another device to the management server, a delete request that the device information of the one device registered in the management server be deleted, if it is recognized in said recognizing step that the one device is not in the properly operating status.

24. (Previously Presented) A method according to claim 23, further comprising an obtaining step of obtaining the device information of said one device that transmitted the request in accordance with said received request,

wherein in said device information transmitting step, the obtained device information is transmitted to said management server.

25. (Canceled)

26. (Previously Presented) A method according to claim 23, wherein said plurality of different types of device information are static information, semi-static information, and dynamic information, and in said device information transmitting step, said static information is transmitted to the management server in accordance with a power-on of the one device, and said semi-static information and said dynamic information are transmitted to the management server in accordance with a change in status of the one device.

27. (Canceled)

28. (Currently Amended) A network device connected via a network to a management server for managing device information, comprising:

receiving means for receiving a request from another network device to transmit a plurality of types of device information of the another device to said management server;

device information transmitting means for transmitting, from the network device to the management server, the plurality of types of device information of the another network device that transmitted the request in accordance with the received request;

recognizing means for recognizing by the another device whether the ~~one~~ another device is in a properly operating status; and

delete request transmitting means for transmitting from the another device to the management server, a delete request that the device information of the ~~one~~ another



device registered in the management server be deleted, if it is recognized by the recognizing means that the ~~one~~ another device is not in the properly operating status.

29. (Previously Presented) A device according to claim 28, further comprising obtaining means for obtaining the device information of said another network device in accordance with said received request,

wherein said device information transmitting means transmits the obtained device information to said management server.

30. (Canceled)

31. (Previously Presented) A device according to claim 28, wherein said plurality of different types of device information are static information, semi-static information, and dynamic information, and said device information transmitting means transmits said static information to the management server in accordance with a power-on of the another network device, and transmits said semi-static information and said dynamic information to the management server in accordance with a change in status of the another network device.

32. (Canceled)

33. (Currently Amended) A computer-executable program stored on a computer-readable medium for the processing of device information in a network system in

which a management server, for managing device information, and ~~various~~ other devices are connected, comprising:

a receiving step of one of the ~~various~~ devices receiving a request transmitted by another one of the ~~various~~ devices for the one device to transmit a plurality of types of device information of the another device that transmitted the request to said management server;

a device information transmitting step of transmitting from the one device to the management server, the plurality of types of device information of the another device in accordance with the received request;

a recognizing step of recognizing by the another device whether the one device is in a properly operating status; and

a delete request transmitting step of transmitting from the another device to the management server, a delete request that the device information of the one device registered in the management server be deleted, if it is recognized in said recognizing step that the one device is not in the properly operating status.

34. (Previously Presented) A program according to claim 33, further comprising an obtaining step of obtaining the device information of said another device in accordance with said received request,

wherein in said device information transmitting step, the obtained device information is transmitted to said management server.

35. (Canceled)

36. (Previously Presented) A program according to claim 33, wherein said plurality of different types of device information are static information, semi-static information, and dynamic information, and in said device information transmitting step, said static information is transmitted to the management server in accordance with a power-on of the another device, and said semi-static information and said dynamic information are transmitted to the management server in accordance with a change in status of the another device.

37. (Canceled)

38. (Currently Amended) A recording medium on which is stored a program for the processing of device information in a network system in which a management server, for managing device information, and ~~various~~ devices are connected, said program comprising:

a receiving step of one of the ~~various~~ devices receiving a request transmitted by another one of the devices to transmit a plurality of types of device information of the another device that transmitted the request to said management server;

a device information transmitting step of transmitting from the one device to the management server, the plurality of types of device information of the another device in accordance with the received request;

a recognizing step of recognizing by the another device whether the one device is in a properly operating status; and

a delete request transmitting step of transmitting from the another device to the management server, a delete request that the device information of the one device

registered in the management server be deleted, if it is recognized in said recognizing step that the one device is not in the properly operating status.

39. (Previously Presented) A recording medium according to claim 38, further comprising an obtaining step of obtaining the device information of said another device in accordance with said received request,

wherein, in said device information transmitting step, the obtained device information is transmitted to said management server.

40. (Canceled)

41. (Previously Presented) A recording medium according to claim 38, wherein said plurality of different types of device information are static information, semi-static information, and dynamic information, and in said device information transmitting step, said static information is transmitted to the management server in accordance with a power on of the another device, and said semi-static information and said dynamic information are transmitted to the management server in accordance with a change in status of the another device.

42. (Canceled)